

ABSTRACT**POLYETHYLENE COMPOSITIONS**
FOR INJECTION MOLDING

Polyethylene blend compositions suitable for injection molding, injection molded articles, and processes for injection molding articles are provided. The polyethylene compositions include a first polyethylene having a melt index of 0.1 to 3.0 g/10 min and a density of from 0.905 to 0.938 g/cm³; and a second polyethylene having a melt index of 10 to 500 g/10 min and a density of 0.945 to 0.975 g/cm³. The composition has a density of from 0.920 to 0.973 g/cm³ and a melt index of 2 to 200 g/10 min, and the density of the second polyethylene is from 0.037 to 0.062 g/cm³ greater than the density of the first polyethylene. These compositions exhibit improved physical properties, such as Environmental Stress Crack Resistance, relative to conventional compositions of similar melt index and density.